IAPO8Rec'd PCT 24 APR 2009

ATTORNEY'S DOCKET NUMBER TRANSMITTAL'LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) 078134-0128 U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) **CONCERNING A FILING UNDER 35 U.S.C. 371** 10/584,409 INTERNATIONAL APPLICATION NO. PRIORITY DATE CLAIMED INTERNATIONAL FILING DATE 02/12/2004 PCT/KR2005/000346 02/04/2005 TITLE OF INVENTION POLYMER PATTERN AND METAL FILM PATTERN, METAL PATTERN, PLASTIC MOLD USING THEREOF, AND METHOD OF THE FORMING THE SAME APPLICANT(S) FOR DO/EO/US Jun-Bo YOON et al. Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. \boxtimes This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US) An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not transmitted by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 10. 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern other document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 11. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 12. A preliminary amendment. 13. An Application Data Sheet under 37 CFR 1.76. 14. A substitute specification. 15. A power of attorney and/or change of address letter. 16. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825 17. A second copy of the published international application under 35 U.S.C. 154(d)(4). 18. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 19. Statement in Accordance with MPEP §1.893.01(e) to Correct Inventorship (2 pages). 20.

FORM PTO-1390 (Modified)
PATENT AND TRADEMARK OFFICE; S. DEPARTMENT OF COMMERCE
(Rev. 09-2007)

S. APPLICATION NO. (If known 10/584,409	n, see 37 CFR. 1.5)		TERNATIONAL APPLICATION N CT/KR2005/000346	10.	ATTORNEY 078134-		KET NUMBER	
The following	fees have been sul	omitted:			<u> </u>	CAL	CULATIONS	PTO USE ONLY
21. Basic nation	al fee				\$330	\$	0.00	
22. Examination								
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Independent Claim	<u> </u>	- 3 =		x\$	220.00	\$	0.00	
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130.00 OP

a. 🗌	A check in the amount of to cover the above fees is enclosed	•				
b. 🗌	Please charge my Deposit Account No. <u>19-0741</u> in the amount ofA duplicate copy of this sheet is enclosed.	to cover the above fees.				
c. 🖾	Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit ount No. 19-0741. A duplicate copy of this sheet is enclosed.					
d. ⊠	Fees are to be charge to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. The PTO-2038 should only be mailed or faxed to the USPTO. However, when paying the basic national fee, the PTO-2038 may NOT be faxed to the USPTO.					
	ADVISORY: If filing by EFS-Web, do NOT attach the PTO-2038 form as a PDF along with your EFS-Web submission. Please advised that this is not recommended and by doing so your credit card information may be displayed via PAIR . To protect you information, it is recommended paying fees online by using the electronic payment method.					
NOTE: V	Where an appropriate time limit under 37 CFR 1.495 has not been met, a parted to restore the International Application to pending status.	etition to revive (37 CFR 1.137(a) or (b)) must be filed				
SEND A	ALL CORRESPONDENCE TO:	SIGNATURE				
	FOLEY & LARDNER LLP	George C. Beck				
	CUSTOMER NUMBER: 22428	NAME				
	OOO ONILIA INDIVIDEIA. 22-120	38,072				
		REGISTRATION NUMBER				

TRANSMITTAL LETTER TO THE UNITED STATES ATTORNEY'S DOCKET NUMBER DESIGNATED/ELECTED OFFICE (DO/EO/US) 078134-0128 U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) **CONCERNING A FILING UNDER 35 U.S.C. 371** 10/584,409 PRIORITY DATE CLAIMED INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE 02/12/2004 PCT/KR2005/000346 02/04/2005 TITLE OF INVENTION POLYMER PATTERN AND METAL FILM PATTERN, METAL PATTERN, PLASTIC MOLD USING THEREOF, AND METHOD OF THE FORMING THE SAME

ل	Jun-Bo Y	S) FOR DO/EO/US OON et al.				
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1.		This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.				
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FORM PTO-1390 (Modified)
PATENT AND TRADEMARK OFFICE; S. DEPARTMENT OF COMMERCE
(Rev. 09-2007)

S. APPLICATION NO. (If known, se	e 37 CFR. 1.5)	PCT/KR2005/000346	NO.	078134-		ET NUMBER	<u> </u>
The following fee	s have been submitted	<u>1</u> :			CALC	ULATIONS	PTO USE ONLY
21. Basic national f				\$330	\$	0.00	
22. Examination fee	9						
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by IPEA/US indicates all clai	ms satisfy provisions of P	CT Article 33(1)-(4)		\$0	Ψ	0.00	
All other situations				\$220			
•	CFR 1.492(b))						
•		eliminary examination report preparation	ared by				
IPEA/US indicates all claims	satisfy provisions of PCT	Article 33(1)-(4)		\$0			
Search fee (37 CFR 1.445(a)(2	2)) has been paid on the	nternational application to the U	SPTO as an				
International Searching Auth				\$100			
		n the US and provided to the Offi	ce or				
previously communicated to				\$430			!
All other situations			· · · · · · · · · · · · · · · · · · ·	\$540	\$	0.00	
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sequence listing in co	ing in an electronic me	1.821(c) or (e) in an electroni edium) (37 CFR 1.492(j)).		•			
		of paper or fraction thereof.		DATE			
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<u> </u>		nal stage (37 CFR 1.492(h))	DA	TE			
CLAIMS	NUMBER FILE			TE		0.00	
Total Claims	- 20 =	=	x \$	52.00	\$	0.00	
Independent Claims	- 3 =		x \$	220.00	\$	0.00	
MULTIPLE DEPENDENT	CLAIM(S) (if applicable	e)	+\$	390.00	\$	0.00	
Petition for a One-Month E	xtension of Time		+\$	130.00	\$	130.00	
TOTAL OF ABOVE CALCULATIONS =					\$	260.00	
Applicant c	laims small entity status.	See 37 CFR 1.27. Fees above an			\$	130.00	
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18					A	mount to be refunded:	
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						charged:	

a. 🗌	A check in the amount of to cover the above fees is enclosed	sed.					
b. 🗌	Please charge my Deposit Account No. <u>19-0741</u> in the amount of A duplicate copy of this sheet is enclosed.	to cover the above fees.					
c. 🛛	The Commissioner is hereby authorized to charge any additional fees what Account No. 19-0741. A duplicate copy of this sheet is enclosed.	orized to charge any additional fees which may be required, or credit any overpayment to Deposit copy of this sheet is enclosed.					
d. 🔯	Fees are to be charge to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. The PTO-2038 should only be mailed or faxed to the USPTO. However, when paying the basic national fee, the PTO-2038 may NOT be faxed to the USPTO.						
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NOTE: \ and grai	Where an appropriate time limit under 37 CFR 1.495 has not been met, nted to restore the International Application to pending status.	a petition to revive (37 CFR 1.137(a) or (b)) must be filed					
SEND A	ALL CORRESPONDENCE TO:	SIGNATURE					
	FOLEY & LARDNER LLP	George C. Beck					
	CUSTOMER NUMBER: 22428	NAME					
		38,072					
		REGISTRATION NUMBER					



22428

SUITE 500

United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

ATTY, DOCKET NO. U.S. APPLICATION NUMBER NO. FIRST NAMED APPLICANT 10/584,409

FOLEY AND LARDNER LLP

Jun-Bo Yoon

078134-0128

INTERNATIONAL APPLICATION NO. PCT/KR05/00346 I.A. FILING DATE PRIORITY DATE 02/12/2004 02/04/2005

> **CONFIRMATION NO. 9885 371 FORMALITIES LETTER**



Date Mailed: 01/27/2009

3000 K STREET NW

WASHINGTON, DC 20007

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- Indication of Small Entity Status
- Priority Document
- Copy of the International Application filed on 06/26/2006
- Copy of the International Search Report filed on 06/26/2006
- Copy of IPE Report filed on 06/26/2006
- Preliminary Amendments filed on 06/26/2006
- Information Disclosure Statements filed on 06/26/2006
- Oath or Declaration filed on 06/26/2006
- Request for Immediate Examination filed on 06/26/2006
- U.S. Basic National Fees filed on 06/26/2006
- Assignment filed on 06/26/2006
- Priority Documents filed on 06/26/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - The fifth inventor's first name (Joo-Nyong Choi) is different compared to the International Application.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$65 for a Small Entity:

• \$65 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

page 1 of 2

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web. https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at http://www.uspto.gov/ebc.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

KAREN M WILLIAMS

Telephone: (703) 308-9140 EXT 213